FIG. 1

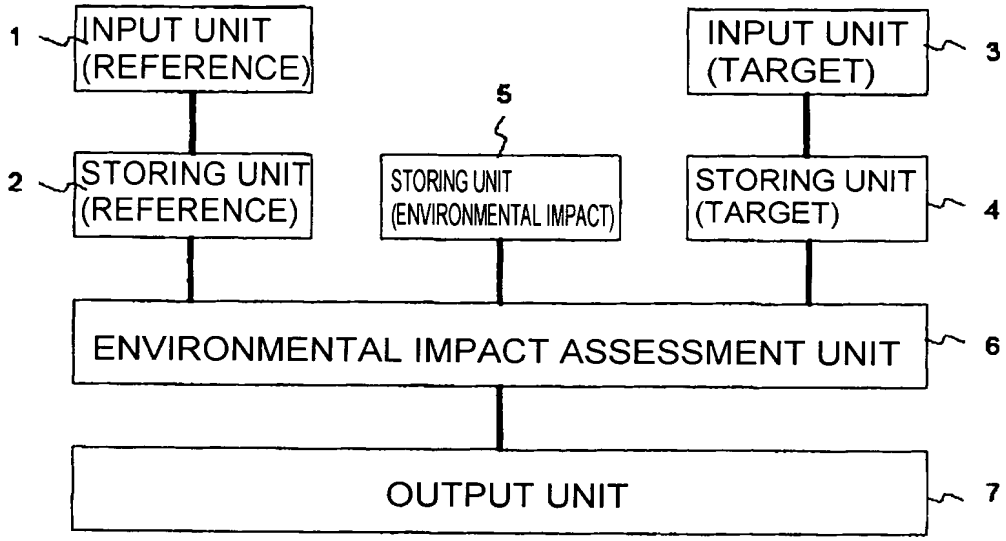

1
INPUT UNIT (REFERENCE)
INPUT UNIT (TARGET)
3
5
2
STORING UNIT (REFERENCE)
STORING UNIT (ENVIRONMENTAL IMPACT)
STORING UNIT (TARGET)
4
ENVIRONMENTAL IMPACT ASSESSMENT UNIT
6
OUTPUT UNIT
7

FIG. 2

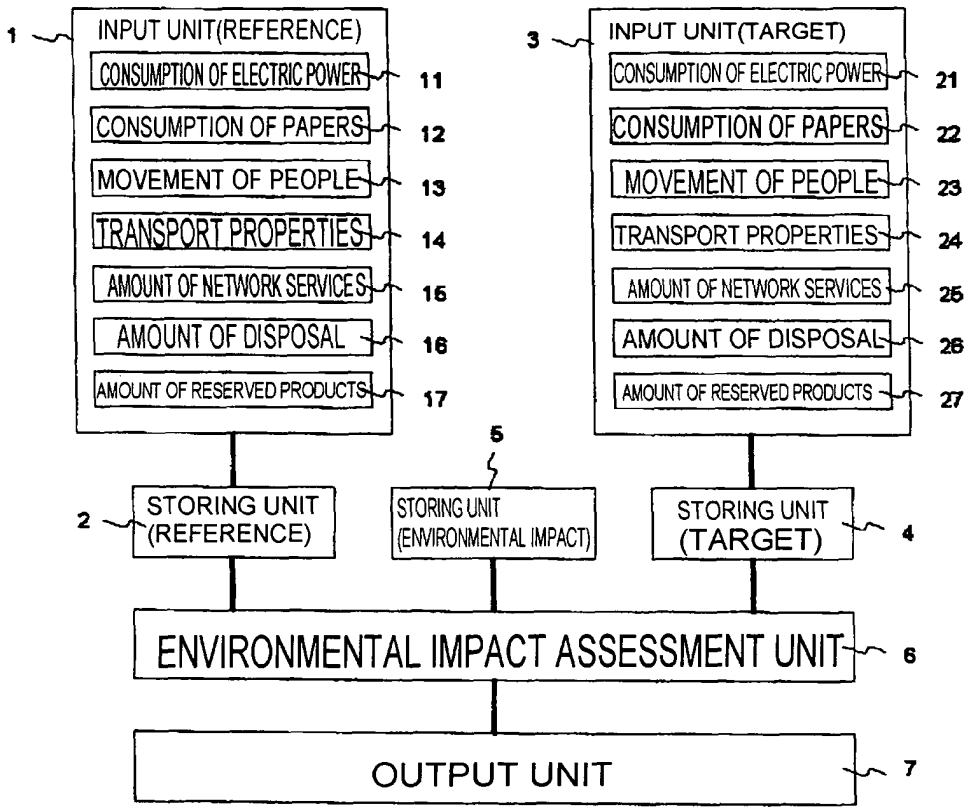

1
INPUT UNIT(REFERENCE)
CONSUMPTION OF ELECTRIC POWER
11
CONSUMPTION OF PAPERS
12
MOVEMENT OF PEOPLE
13
TRANSPORT PROPERTIES
14
AMOUNT OF NETWORK SERVICES
15
AMOUNT OF DISPOSAL
16
AMOUNT OF RESERVED PRODUCTS
17
3
INPUT UNIT(TARGET)
CONSUMPTION OF ELECTRIC POWER
21
CONSUMPTION OF PAPERS
22
MOVEMENT OF PEOPLE
23
TRANSPORT PROPERTIES
24
AMOUNT OF NETWORK SERVICES
25
AMOUNT OF DISPOSAL
26
AMOUNT OF RESERVED PRODUCTS
27
5
2
STORING UNIT (REFERENCE)
STORING UNIT (ENVIRONMENTAL IMPACT)
STORING UNIT (TARGET)
4
ENVIRONMENTAL IMPACT ASSESSMENT UNIT
6
OUTPUT UNIT
7

FIG. 3

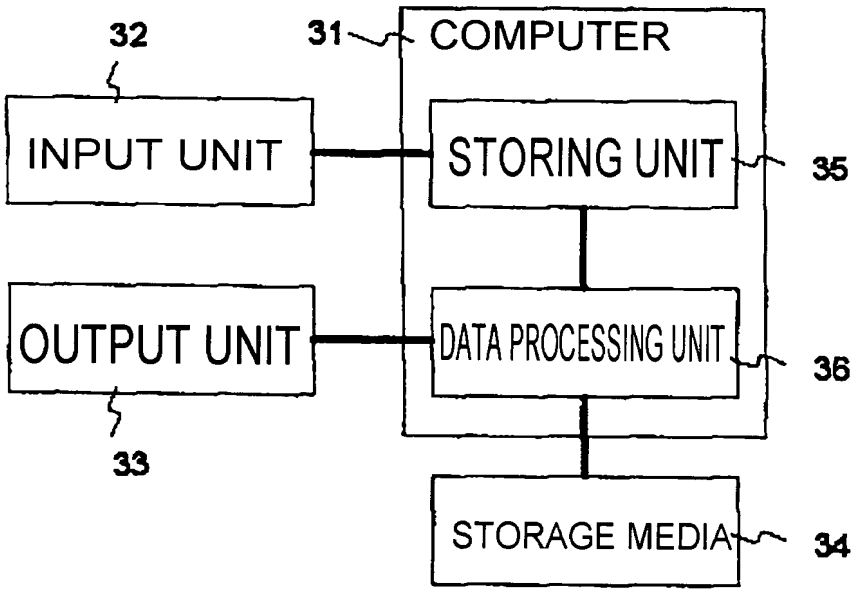

32
31
COMPUTER
INPUT UNIT
STORING UNIT
35
OUTPUT UNIT
DATA PROCESSING UNIT
36
33
STORAGE MEDIA
34

FIG. 4

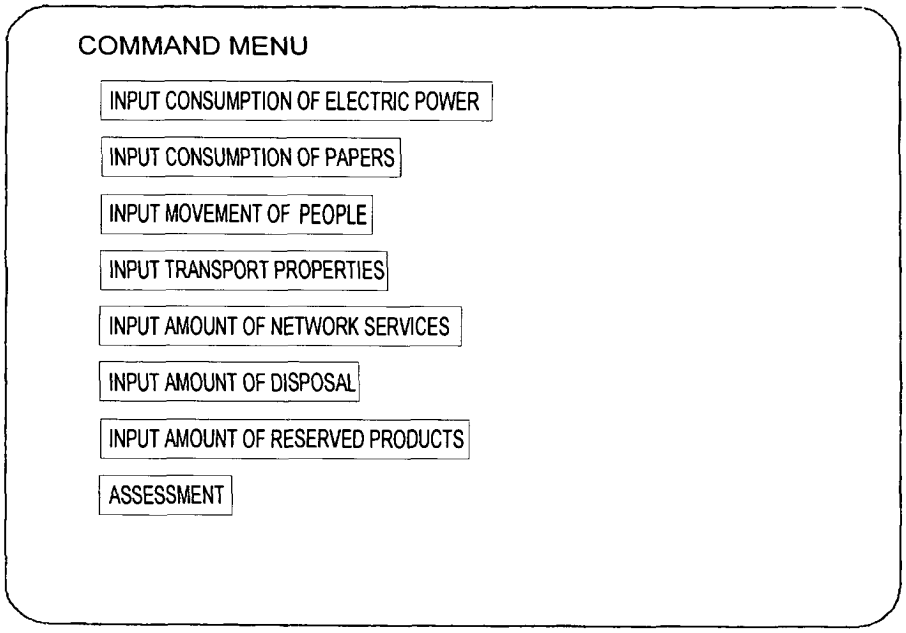

COMMAND MENU
INPUT CONSUMPTION OF ELECTRIC POWER
INPUT CONSUMPTION OF PAPERS
INPUT MOVEMENT OF PEOPLE
INPUT TRANSPORT PROPERTIES
INPUT AMOUNT OF NETWORK SERVICES
INPUT AMOUNT OF DISPOSAL
INPUT AMOUNT OF RESERVED PRODUCTS
ASSESSMENT

FIG. 5

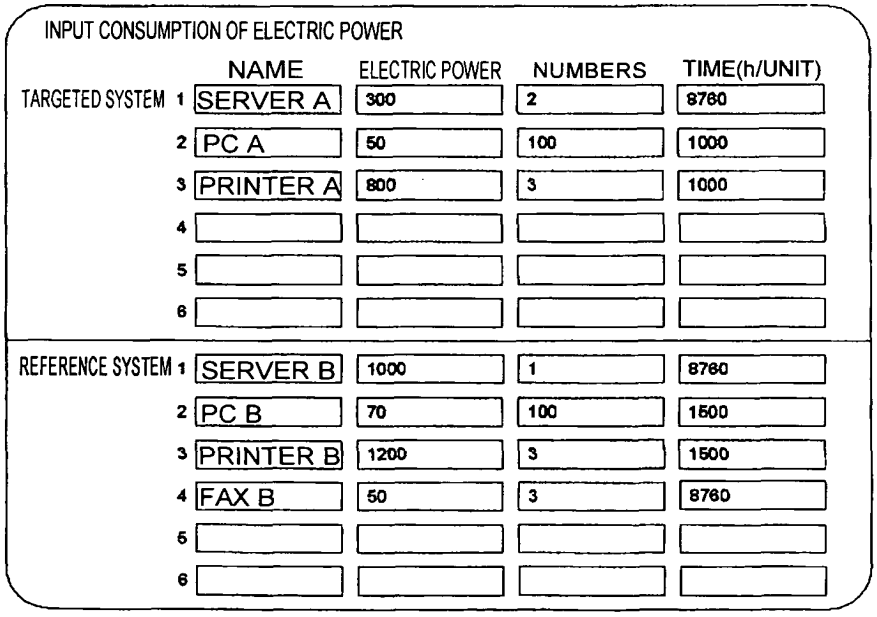

INPUT CONSUMPTION OF ELECTRIC POWER
NAME
ELECTRIC POWER
NUMBERS
TIME(h/UNIT)
TARGETED SYSTEM 1 SERVER A 300 2 8760
2 PC A 50 100 1000
3 PRINTER A 800 3 1000
4
5
6
REFERENCE SYSTEM 1 SERVER B 1000 1 8760
2 PC B 70 100 1500
3 PRINTER B 1200 3 1500
4 FAX B 50 3 8760
5
6

FIG. 6

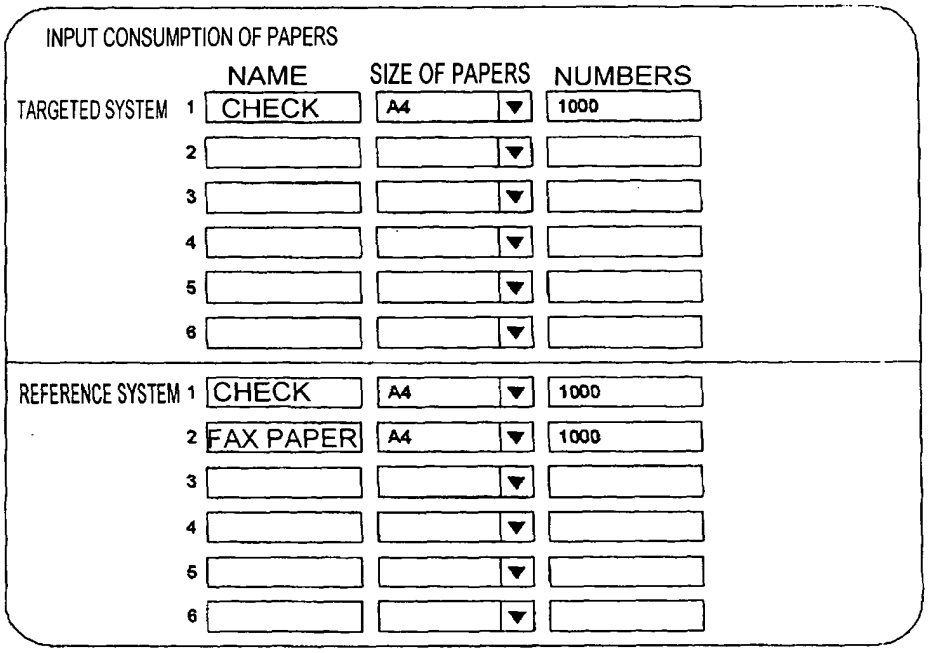

INPUT CONSUMPTION OF PAPERS
NAME
SIZE OF PAPERS
NUMBERS
TARGETED SYSTEM
1 CHECK A4 1000
2
3
4
5
6
REFERENCE SYSTEM
1 CHECK A4 1000
2 FAX PAPER A4 1000
3
4
5
6

FIG. 7

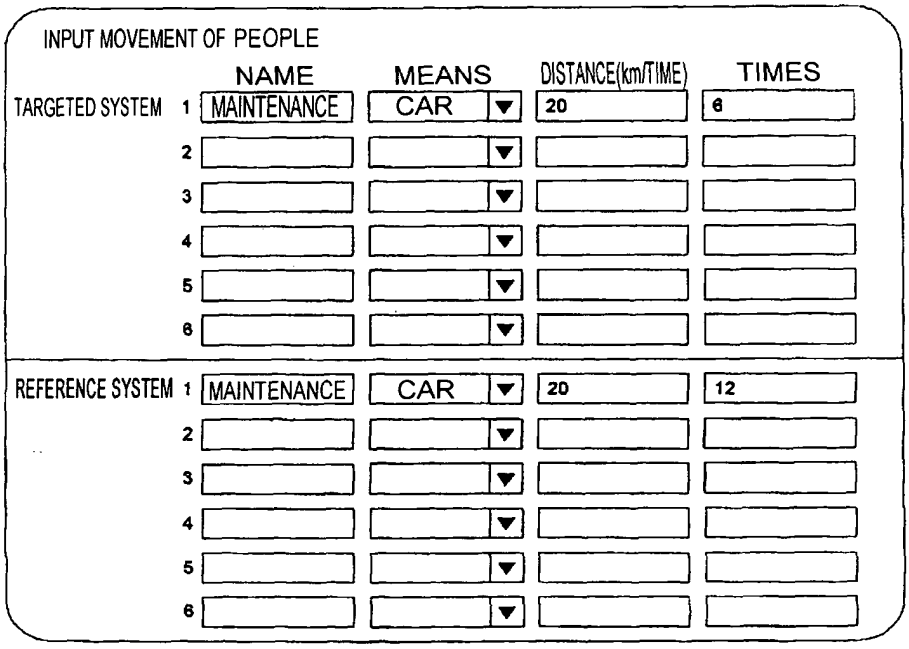

INPUT MOVEMENT OF PEOPLE
NAME
MEANS
DISTANCE(km/TIME)
TIMES
TARGETED SYSTEM
1 MAINTENANCE CAR 20 6
2
3
4
5
6
REFERENCE SYSTEM
1 MAINTENANCE CAR 20 12
2
3
4
5
6

FIG 8.

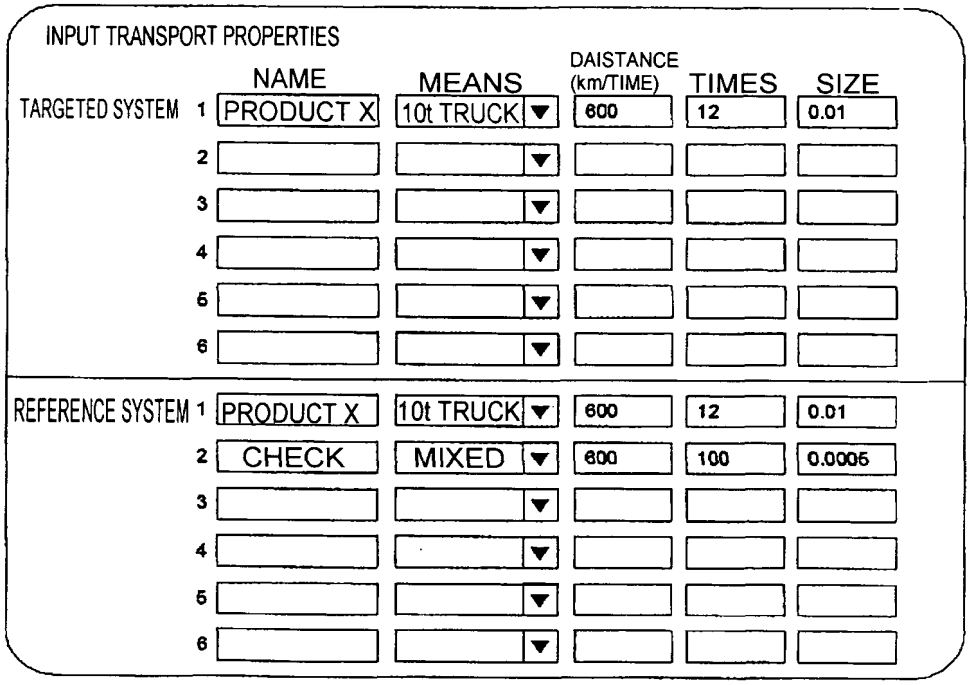

INPUT TRANSPORT PROPERTIES
NAME
MEANS
DAISTANCE (km/TIME)
TIMES
SIZE
TARGETED SYSTEM 1 PRODUCT X 10t TRUCK 600 12 0.01
2
3
4
5
6
REFERENCE SYSTEM 1 PRODUCT X 10t TRUCK 600 12 0.01
2 CHECK MIXED 600 100 0.0005
3
4
5
6

FIG. 9

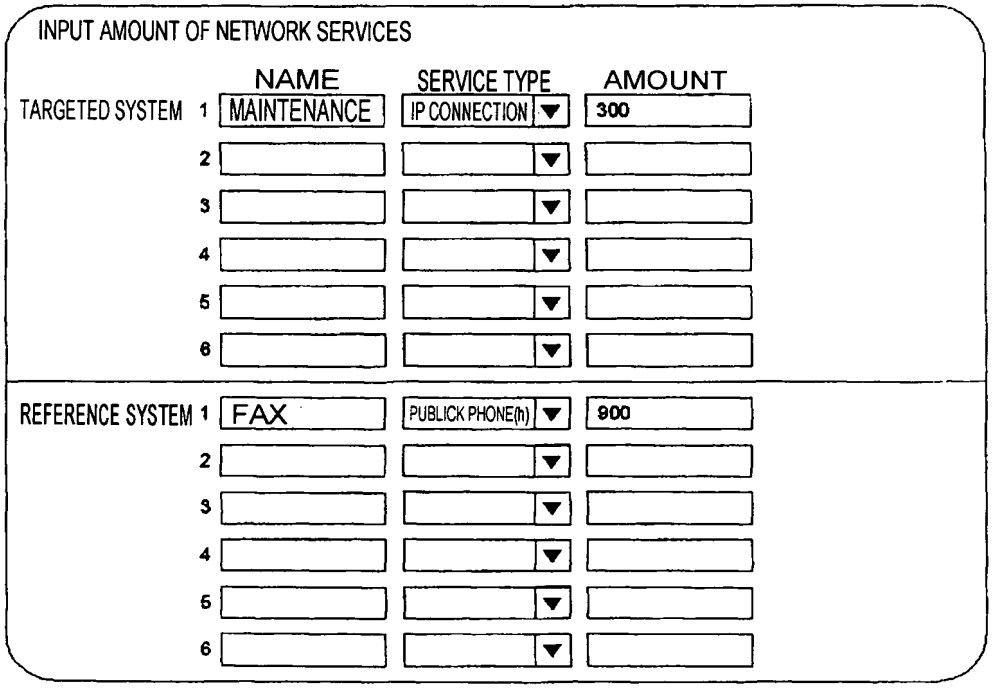

INPUT AMOUNT OF NETWORK SERVICES
NAME
SERVICE TYPE
AMOUNT
TARGETED SYSTEM 1 MAINTENANCE IP CONNECTION 300
2
3
4
5
6
REFERENCE SYSTEM 1 FAX PUBLICK PHONE(h) 900
2
3
4
5
6

FIG. 10

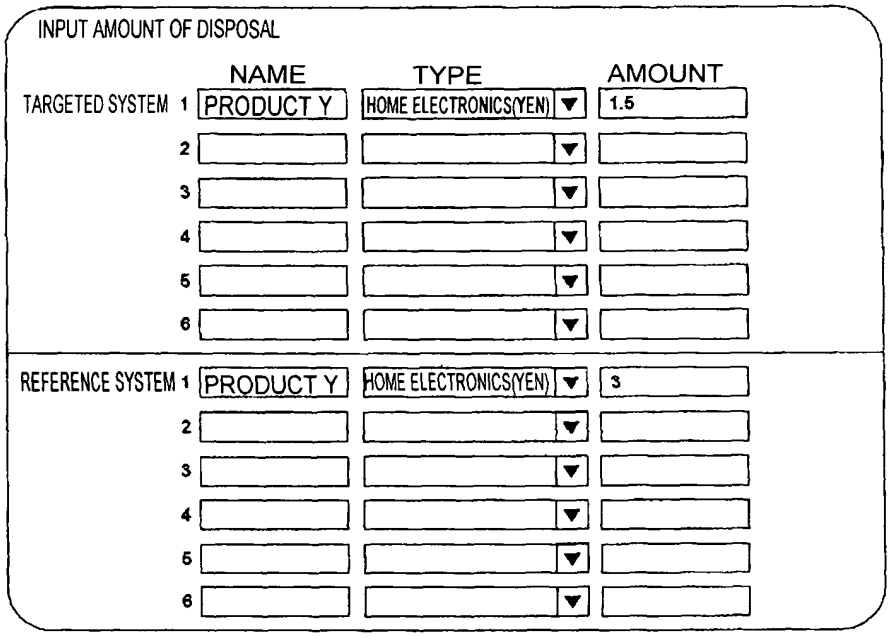

INPUT AMOUNT OF DISPOSAL
NAME
TYPE
AMOUNT
TARGETED SYSTEM 1
PRODUCT Y
HOME ELECTRONICS(YEN)
1.5
2
3
4
5
6
REFERENCE SYSTEM 1
PRODUCT Y
HOME ELECTRONICS(YEN)
3
2
3
4
5
6

FIG. 11

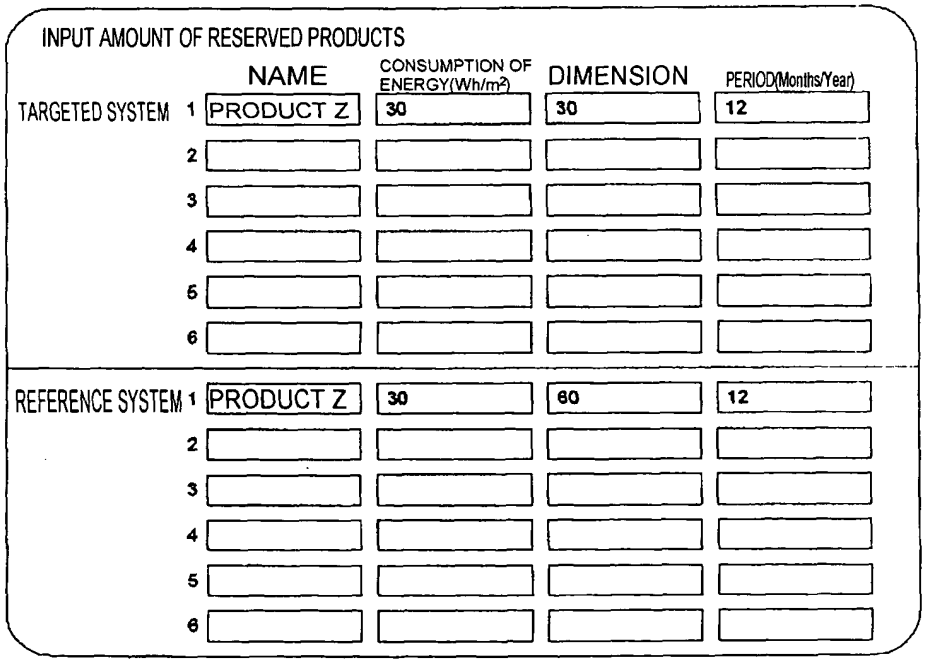

INPUT AMOUNT OF RESERVED PRODUCTS
NAME
CONSUMPTION OF ENERGY(Wh/m²)
DIMENSION
PERIOD(Months/Year)
TARGETED SYSTEM 1
PRODUCT Z
30
30
12
2
3
4
5
6
REFERENCE SYSTEM 1
PRODUCT Z
30
60
12
2
3
4
5
6

FIG. 12

ASSESSMENT

ACTIVITY	CO_2EMISSION (t)	
	REFERENCE SYSTEM	TARGETED SYSTEM
CONSUMPTION OF ELECTRIC POWER	11.0	4.4
CONSUMPTION OF PAPERS	0.0	0.0
MOVEMENT OF PEOPLE	0.1	0.0
TRANSPORT PROPERTIES	5.7	5.6
AMOUNT OF NETWORK SERVICES	0.0	0.0
AMOUNT OF DISPOSAL	0.0	0.0
AMOUNT OF RESERVED PRODUCTS	0.8	0.4
TOTAL	17.5	10.4
REDUCED RATE(%)		40.5

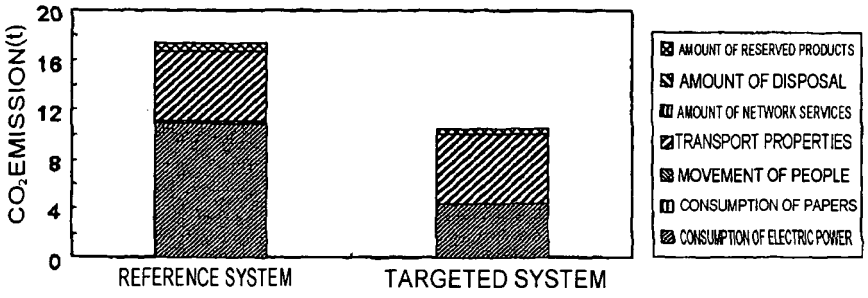
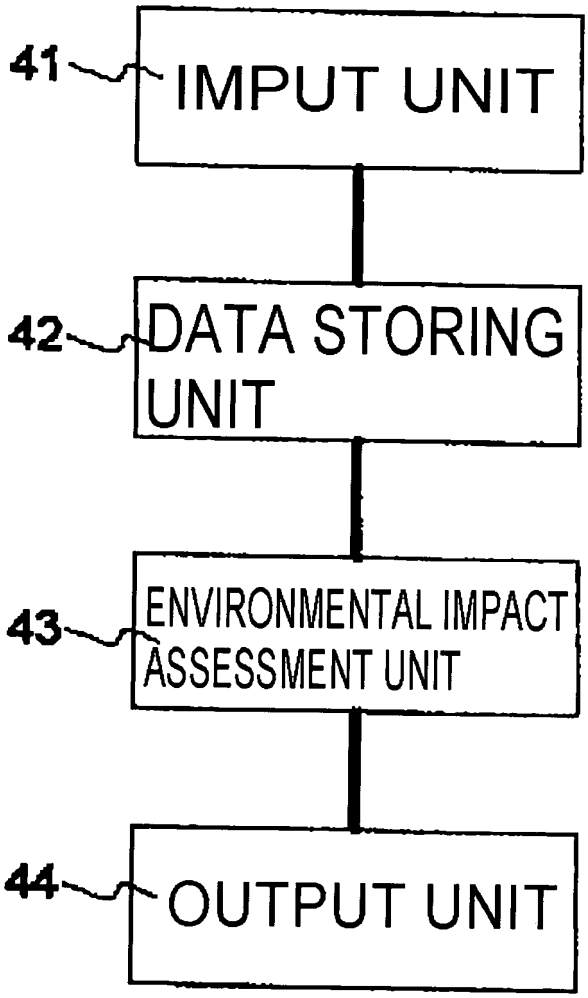


FIG. 13


41
IMPUT UNIT
42
DATA STORING UNIT
43
ENVIRONMENTAL IMPACT ASSESSMENT UNIT
44
OUTPUT UNIT